Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011499.D
Acq On : 12 Aug 2019 21:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: Aug 13 09:00:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	103	0.00
2	T	Dichlorodifluoromethane	0.386	0.349	9.6	94	0.00
3	P	Chloromethane	0.434	0.388	10.6	95	0.00
4	C	Vinyl Chloride	0.477	0.424	11.1#	92	0.00
5	T	Bromomethane	0.340	0.333	2.1	103	0.00
6	T	Chloroethane	0.335	0.290	13.4	94	0.00
7	T	Trichlorofluoromethane	0.848	0.795	6.2	95	0.00
8	T	Diethyl Ether	0.303	0.282	6.9	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.459	0.447	2.6	101	0.00
10	T	Methyl Iodide	0.579	0.554	4.3	90	0.00
11	T	Tert butyl alcohol	0.106	0.113	-6.6	113	0.00
12	CM	1,1-Dichloroethene	0.455	0.441	3.1#	101	0.00
13	T	Acrolein	0.066	0.054	18.2	90	0.00
14	T	Allyl chloride	0.606	0.681	-12.4	110	0.00
15	T	Acrylonitrile	0.240	0.270	-12.5	112	0.00
16	T	Acetone	0.240	0.235	2.1	103	0.00
17	T	Carbon Disulfide	1.068	0.962	9.9	90	0.00
18	T	Methyl Acetate	0.548	0.660	-20.4#	126	0.00
19	T	Methyl tert-butyl Ether	1.341	1.542	-15.0	116	0.00
20	T	Methylene Chloride	0.525	0.527	-0.4	108	0.00
21	T	trans-1,2-Dichloroethene	0.481	0.487	-1.2	103	0.00
22	T	Diisopropyl ether	1.333	1.495	-12.2	116	0.00
23	T	Vinyl Acetate	1.106	1.298	-17.4	113	0.00
24	P	1,1-Dichloroethane	0.786	0.862	-9.7	113	0.00
25	T	2-Butanone	0.341	0.378	-10.9	111	0.00
26	T	2,2-Dichloropropane	0.611	0.610	0.2	100	0.00
27	T	cis-1,2-Dichloroethene	0.554	0.579	-4.5	110	0.00
28	T	Bromochloromethane	0.358	0.393	-9.8	119	0.00
29	T	Tetrahydrofuran	0.209	0.241	-15.3	114	0.00
30	C	Chloroform	0.854	0.955	-11.8#	116	0.00
31	T	Cyclohexane	0.648	0.650	-0.3	102	0.00
32	T	1,1,1-Trichloroethane	0.732	0.850	-16.1	118	0.00
33	S	1,2-Dichloroethane-d4	0.504	0.592	-17.5	128	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35	S	Dibromofluoromethane	0.326	0.344	-5.5	115	0.00
36	T	1,1-Dichloropropene	0.437	0.439	-0.5	108	0.00
37	T	Ethyl Acetate	0.438	0.477	-8.9	116	0.00
38	T	Carbon Tetrachloride	0.439	0.493	-12.3	115	0.00
39	T	Methylcyclohexane	0.517	0.463	10.4	96	0.00
40	TM	Benzene	1.303	1.340	-2.8	107	0.00
41	T	Methacrylonitrile	0.239	0.269	-12.6	117	0.00
42	TM	1,2-Dichloroethane	0.441	0.509	-15.4	124	0.00
43	T	Isopropyl Acetate	0.700	0.773	-10.4	116	0.00
44	TM	Trichloroethene	0.394	0.389	1.3	105	0.00
45	C	1,2-Dichloropropane	0.337	0.348	-3.3#	111	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.246	0.258	-4.9	113	0.00
47	T	Bromodichloromethane	0.417	0.475	-13.9	117	0.00
48	T	Methyl methacrylate	0.329	0.383	-16.4	121	0.00
49	T	1,4-Dioxane	0.010	0.010	0.0	104	0.00
50	S	Toluene-d8	1.232	1.278	-3.7	114	0.00
51	T	4-Methyl-2-Pentanone	0.452	0.517	-14.4	116	0.00
52	CM	Toluene	0.861	0.891	-3.5#	108	0.00
53	T	t-1,3-Dichloropropene	0.423	0.500	-18.2	113	0.00
54	T	cis-1,3-Dichloropropene	0.487	0.545	-11.9	110	0.00
55	T	1,1,2-Trichloroethane	0.354	0.390	-10.2	115	0.00
56	T	Ethyl methacrylate	0.505	0.572	-13.3	114	0.00
57	T	1,3-Dichloropropane	0.560	0.612	-9.3	116	0.00
58	T	2-Chloroethyl Vinyl ether	0.248	0.260	-4.8	108	0.00
59	T	2-Hexanone	0.350	0.393	-12.3	111	0.00
60	T	Dibromochloromethane	0.363	0.419	-15.4	116	0.00
61	T	1,2-Dibromoethane	0.383	0.418	-9.1	113	0.00
62	S	4-Bromofluorobenzene	0.440	0.472	-7.3	116	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64	T	Tetrachloroethene	0.425	0.411	3.3	107	0.00
65	PM	Chlorobenzene	1.072	1.080	-0.7	110	0.00
66	T	1,1,1,2-Tetrachloroethane	0.367	0.413	-12.5	115	0.00
67	C	Ethyl Benzene	1.795	1.865	-3.9#	110	0.00
68	T	m/p-Xylenes	0.694	0.715	-3.0	106	0.00
69	T	o-Xylene	0.682	0.698	-2.3	108	0.00
70	T	Styrene	1.129	1.214	-7.5	109	0.00
71	P	Bromoform	0.285	0.326	-14.4	111	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73	T	Isopropylbenzene	3.420	3.669	-7.3	110	0.00
74	T	N-amyl acetate	1.236	1.419	-14.8	109	0.00
75	P	1,1,2,2-Tetrachloroethane	1.140	1.207	-5.9	108	0.00
76	T	1,2,3-Trichloropropane	0.911	1.033	-13.4	113	0.00
77	T	Bromobenzene	0.948	0.981	-3.5	107	0.00
78	T	n-propylbenzene	3.803	4.050	-6.5	108	0.00
79	T	2-Chlorotoluene	2.267	2.398	-5.8	110	0.00
80	T	1,3,5-Trimethylbenzene	2.863	3.045	-6.4	109	0.00
81	T	trans-1,4-Dichloro-2-butene	0.312	0.327	-4.8	101	0.00
82	T	4-Chlorotoluene	2.642	2.810	-6.4	109	0.00
83	T	tert-Butylbenzene	2.808	3.005	-7.0	108	0.00
84	T	1,2,4-Trimethylbenzene	2.850	3.072	-7.8	107	0.00
85	T	sec-Butylbenzene	3.373	3.500	-3.8	105	0.00
86	T	p-Isopropyltoluene	3.103	3.255	-4.9	105	0.00
87	T	1,3-Dichlorobenzene	1.675	1.735	-3.6	105	0.00
88	T	1,4-Dichlorobenzene	1.728	1.730	-0.1	104	0.00
89	T	n-Butylbenzene	2.674	2.721	-1.8	101	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.459	0.523	-13.9	109	0.00
91 T	1,2-Dichlorobenzene	1.683	1.713	-1.8	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.221	0.254	-14.9	112	0.00
93 T	1,2,4-Trichlorobenzene	1.116	1.133	-1.5	101	0.00
94 T	Hexachlorobutadiene	0.566	0.556	1.8	100	0.00
95 T	Naphthalene	3.265	3.599	-10.2	105	0.00
96 T	1,2,3-Trichlorobenzene	1.135	1.151	-1.4	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6